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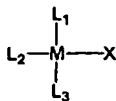
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(54) Title: COORDINATION COMPLEX



(I)

(57) Abstract: The present invention provides a complex of formula (I) wherein M is Ca, Mg, Ba or Sr; L_1 is selected from R^1O , R^2S , R^3R^4N , R^5R^6P , a substituted or unsubstituted cyclopentadienide, and a substituted or unsubstituted pyrazolyl group, where R^{1-6} are each independently H or hydrocarbyl; L_2 is selected from R^7R^8O , R^7R^8S , $R^7R^8R^9N$, $R^7R^8C=NR^9$, $PR^7R^8R^9$, and a substituted or unsubstituted heterocycle containing one or more O, N or S atoms, Where R^{7-9} are each independently H or a hydrocarbyl group; or L_1 and L_2 are linked to form a bidentate ligand; L_3 is absent or is a solvent molecule, or a neutral ligand as defined for L_2 , wherein L_3 may be the same or different to L_2 ; or L_3 is linked to a further metal center; or L_1 , L_2 and L_3 are linked to form a tridentate ligand; and X is an alkyl group, an aryl group, an aryloxy, an amide group, or an enolate group of formula $R^{10}R^{11}C=CR^{12}O^-$, wherein R^{10-12} are each independently H or hydrocarbyl; with the proviso that when L_1 and L_2 are $\{HC(C(CH_3)=N-2,6-Pr_2C_6H_3)_2\}$ and M is magnesium, X is other than Me or 'Bu.